

Debris Flow Event Log

Date: March 10 2006

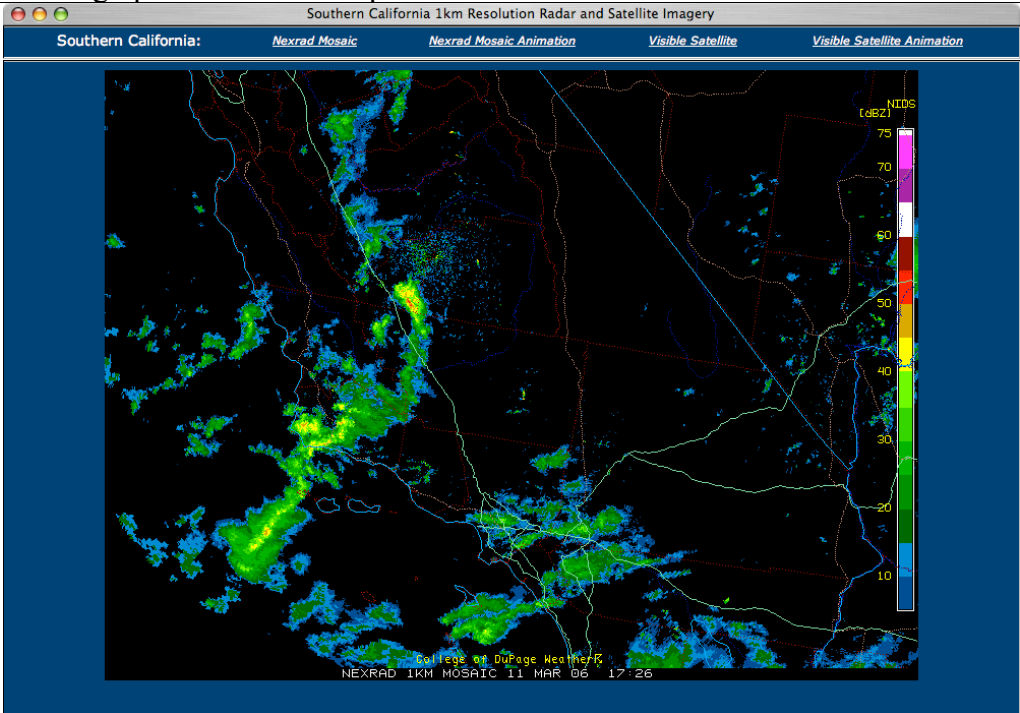
Location: Burbank, CA Airport

Lat: 34.200260 Lon: -118.350606 Alt: 217 m Truck HD: 140 deg

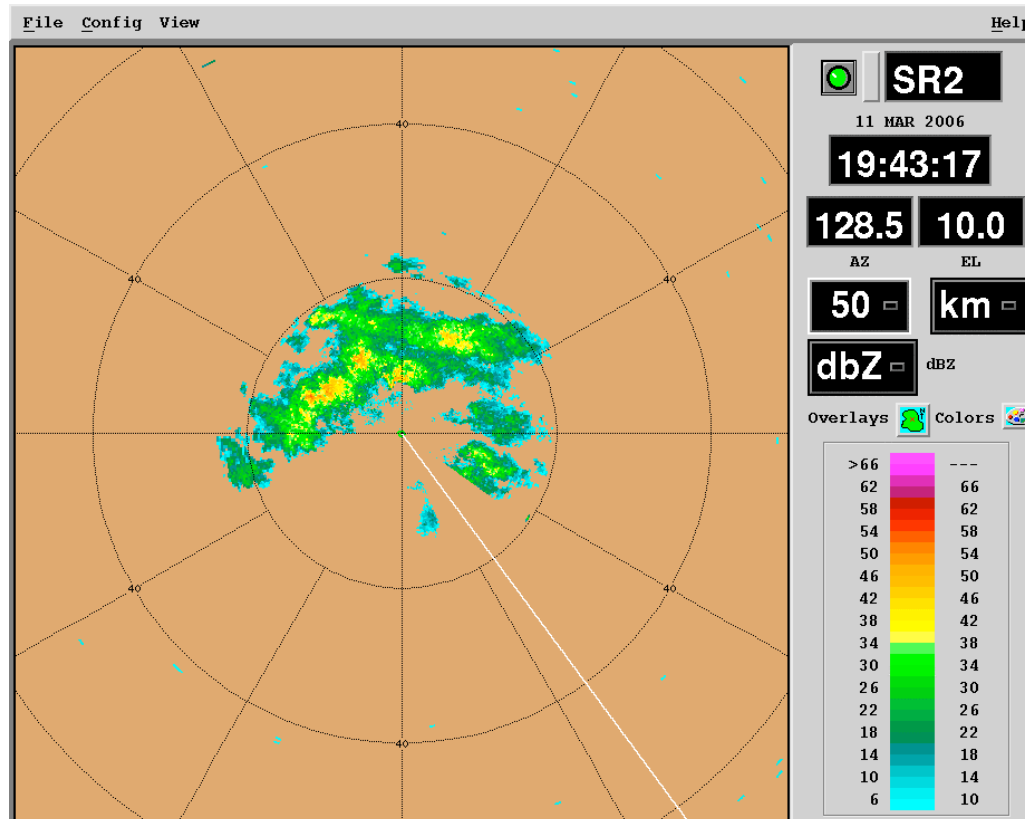
Date/Time SR2 ready for operation: 3/10/2006 1645 UTC

Note taker: Jorgensen

<i>Date/Time (UTC)</i>	Event
03/10/2006 Friday 1600	Arrived on site. Considerable difficulty in booting the Nav computer. Had to cycle power maybe a dozen times before Windows 2000 booted. Carefully leveled truck. Fuel gauge on generator diesel tank reads about half full.
1645	Data collection begins. Convective looking echoes to 55 dbZ 70-80 km to the WSW. Confirmed by SOX radar as over coast
1700	Checked Oxnard NSW site. Flash flood watch out for tonight & tomorrow for burn areas. 1-2" of precip possible. And cold sfc temps
1715	Nice convective storm to the WSW moving slowly eastward. Anvil precip stretches to the ENE about 40 km.
1744	cloud thickening overhead
1823	light sprinkles at the site – echoes to WSW weakening as they move ENE
1910	shower at the site
1933	shower ended – sun out again - echoes clear of burn area
1956	New echoes to W and SW beyond about 60 km
2036	echoes to W & SW decayed – new echoes to NW 20-60 km
2054	clouds to N & NW looking darker visually – echoes growing there too
2145	Echoes generally moving W to E north of burn area – not strong storms – max dbz only 45-50 – storms N to NW 50 km from site
2213	Persistent echo just east of here 15-20 km but may be just beyond burn area
03/11/2006 Saturday 0003	Echoes decreasing everywhere – only 30-35 dbz maxima left
0059	A weak storm to the NE within 20 km – close to the burn area – max dbz only about 40
	1852 - 0455
0120	Talked to San Diego WSFO forecaster. He reported a tornado report at 4:38 PM in Ensenedias with no radar alert. Heavier rain cells in San Diego than LA.
0143	echo near burn area weakened appreciably in the last few scans
0508	mass of light precip moving in from the west – mostly stratiform looking but a few cells to 45-48 dbz
0516	backing up data to laptop & Nav computers
0600	light rain beginning at site
0612	heavy rain at site – overhead 45-50 dbz echo
0630	loud thunder
0712	rain decreasing at site
0715	very little echo to the west – very light echo to NW (35 dbz max)
0932	No echo anywhere on the screen

1150	weak echo returning to the west – more extensive weak echo to the SW – echo mass still moving West to East
1257	all echoes passing to the south
1452	weak echo mass developing to the west 50 km
1511	weak echo to west max dbz only about 35 or so – still moving W to E
1530	rebalanced truck – passenger side seems to sink ever so slightly with time – after about 24 hrs of ops the left-right balance had dropped about 0.15 degrees
1545	backing up data to laptop
1613	light sprinkles at site – weak echo over burn area max dbz about 35
1659	weak showers everywhere on SOX radar display from the internet.
1703	NWS/Oxnard is still carrying flash flood watch for burn areas. HPC precip forecast for 12Z to 00Z today still has potential for another 0.5” of precip. Will continue to operate today in spite of very weak echoes for the last 12 hours
1715	large scale radar map shows heavy storms north of here in Santa Barbara county and south of here toward San Diego. We’re in an echo-weak hole here in LA
1736	Backing up data to Nav computer
1726 large scale radar from the net	
1822	echo mass is decreasing and becoming more isolated cells. Sun has come out at the radar site.
1827	Blue skies now breaking though the overcast here at the site
1841	Small weak echoes to the NW moving East
1916	small cell overhead – some very small hail is falling
1938	small storm moving in from w max dbz 45 – location 270-320° 10 km – may move right over site

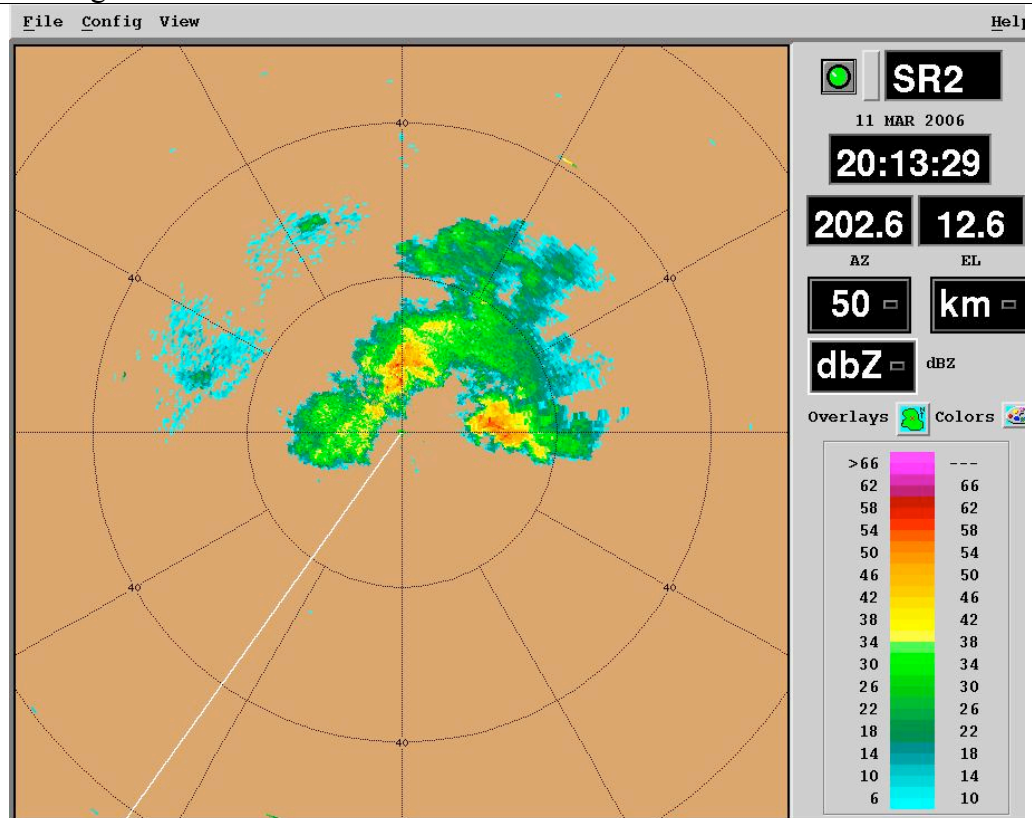
1943



2000

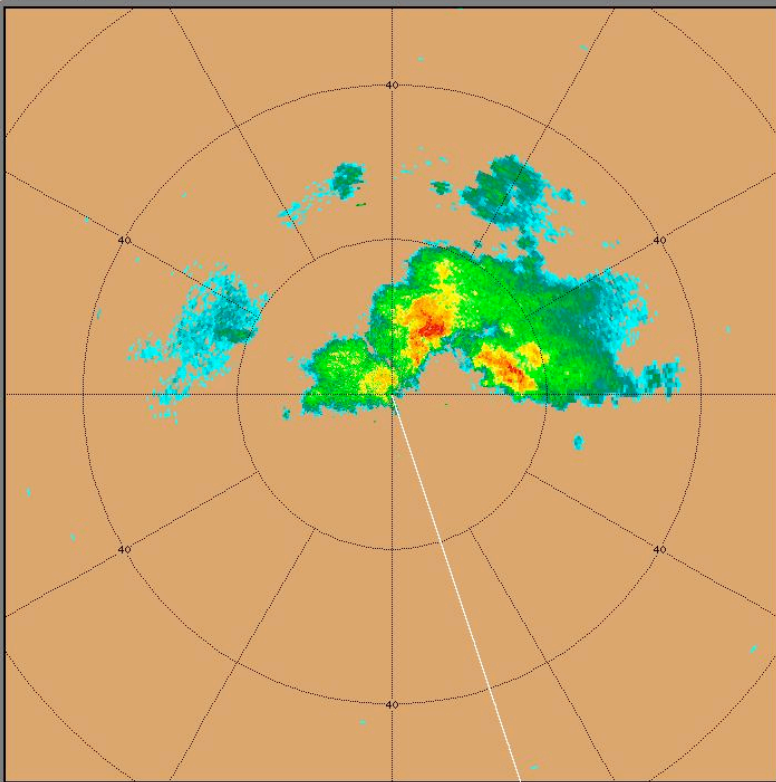
50 dbz storm will get close to burn area – core now about 8 km north of site moving east

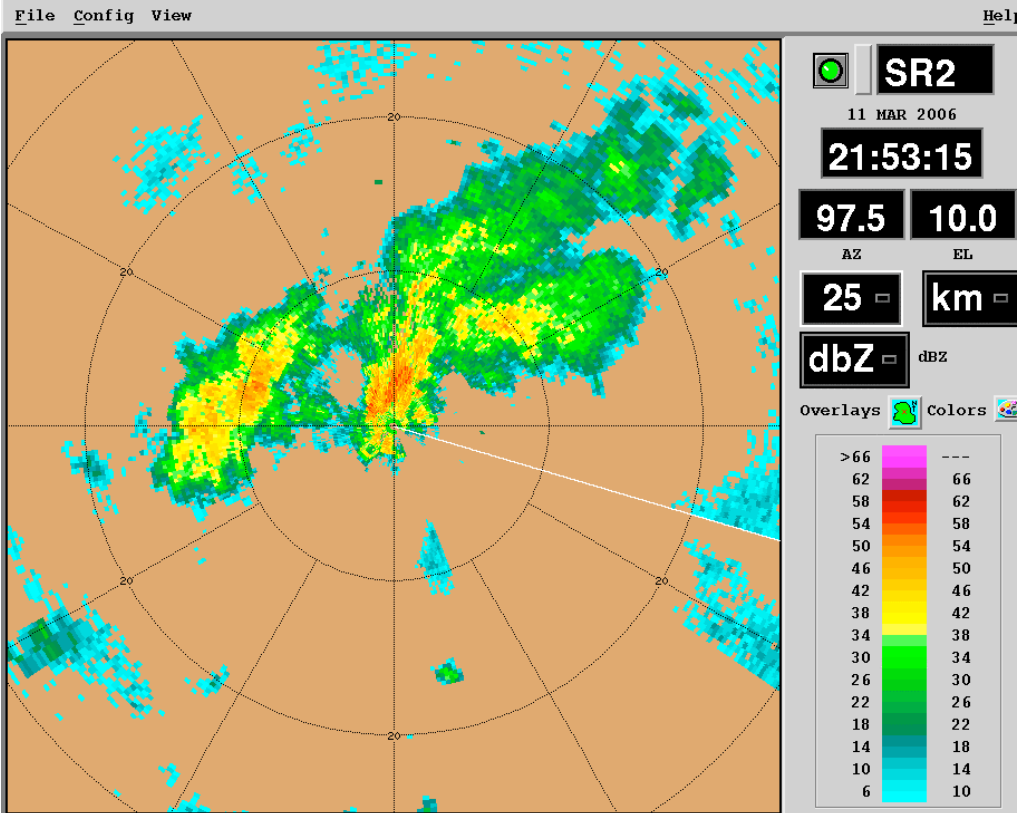
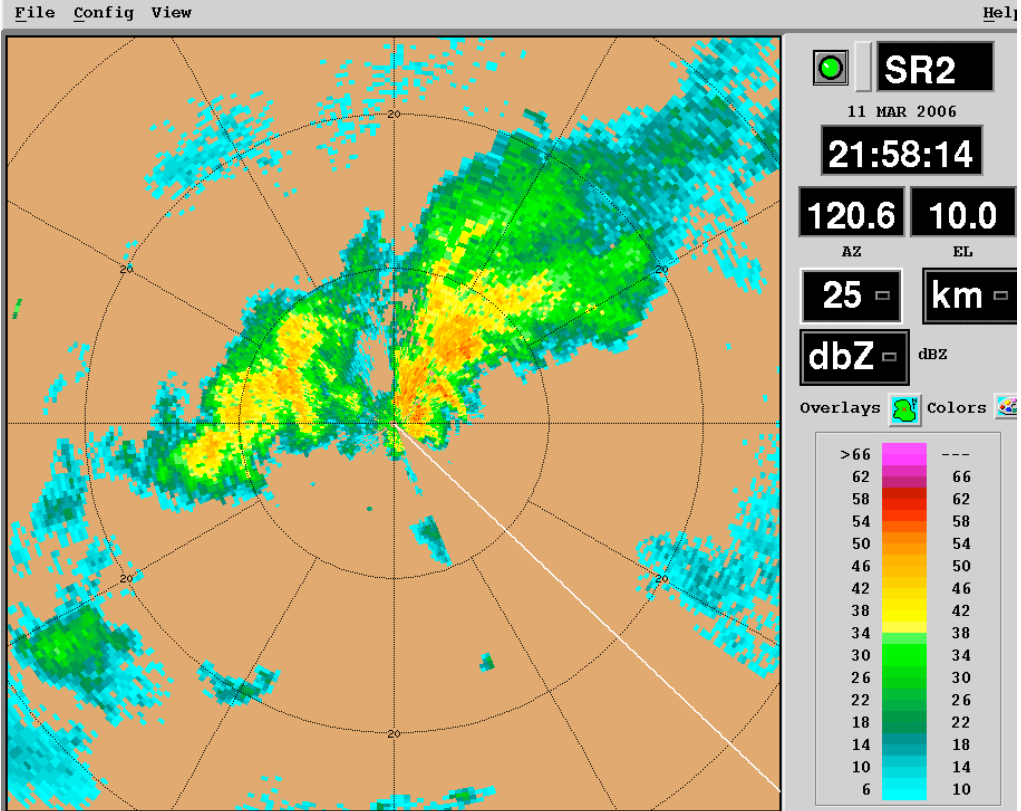
2013



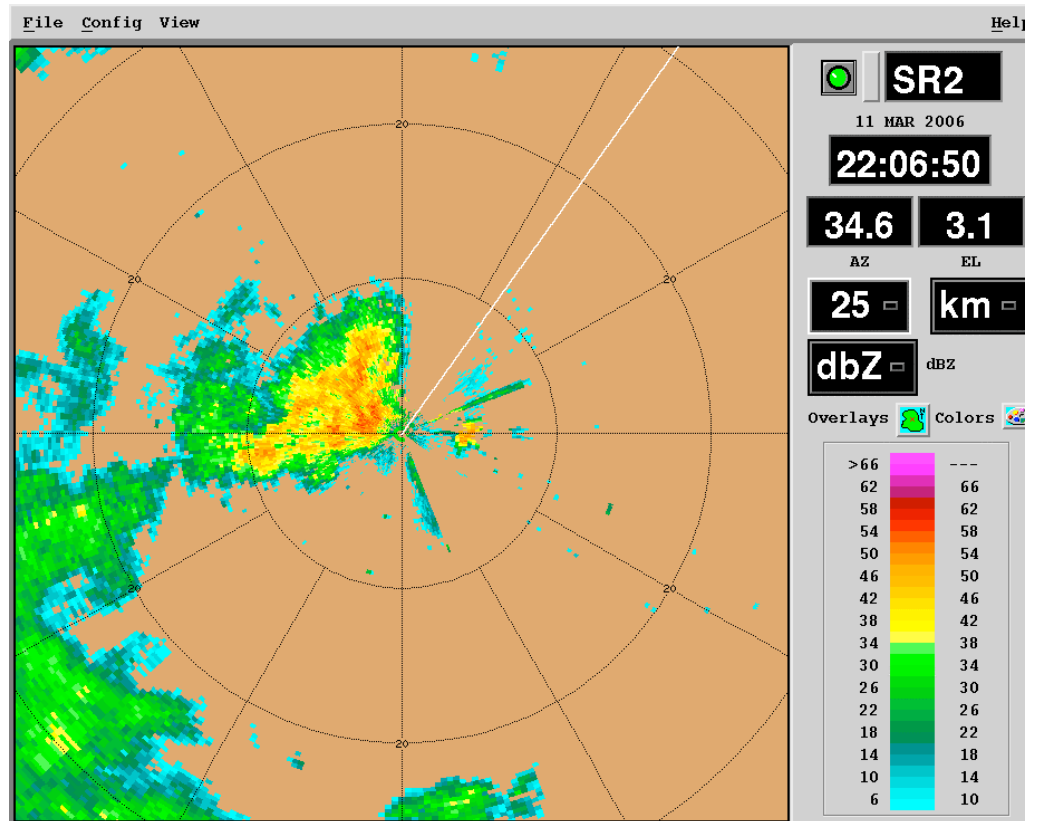
2022

light rain at site

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2149	Light rain at site
2151	Another storm 10 km to the west moving over
	 <p>File Config View Hel</p> <p>SR2 11 MAR 2006 21:53:15</p> <p>97.5 10.0 AZ EL</p> <p>25 km</p> <p>dbZ dBZ</p> <p>Overlays Colors</p> <p>>66 66 62 62 58 58 54 54 50 50 46 46 42 42 38 38 34 34 30 30 26 26 22 22 18 18 14 14 10 10 6 10</p>
2154	small hail again plus moderate rain at site
	 <p>File Config View Hel</p> <p>SR2 11 MAR 2006 21:58:14</p> <p>120.6 10.0 AZ EL</p> <p>25 km</p> <p>dbZ dBZ</p> <p>Overlays Colors</p> <p>>66 66 62 62 58 58 54 54 50 50 46 46 42 42 38 38 34 34 30 30 26 26 22 22 18 18 14 14 10 10 6 10</p>

2206

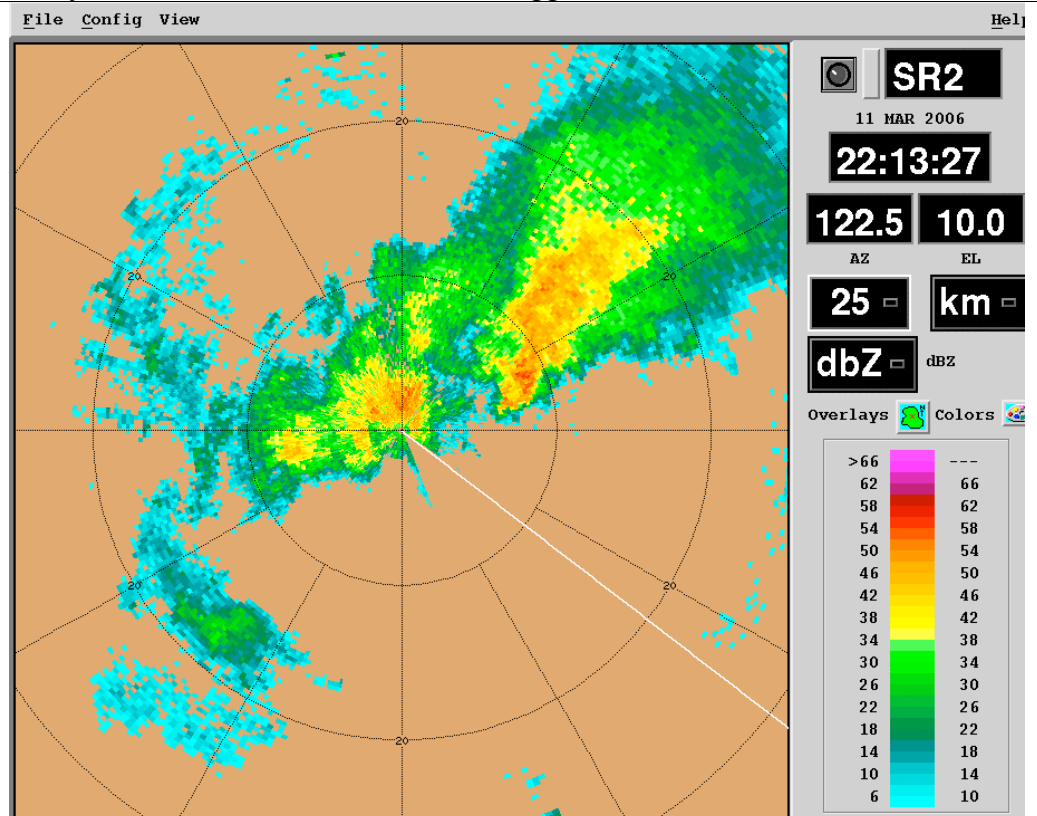


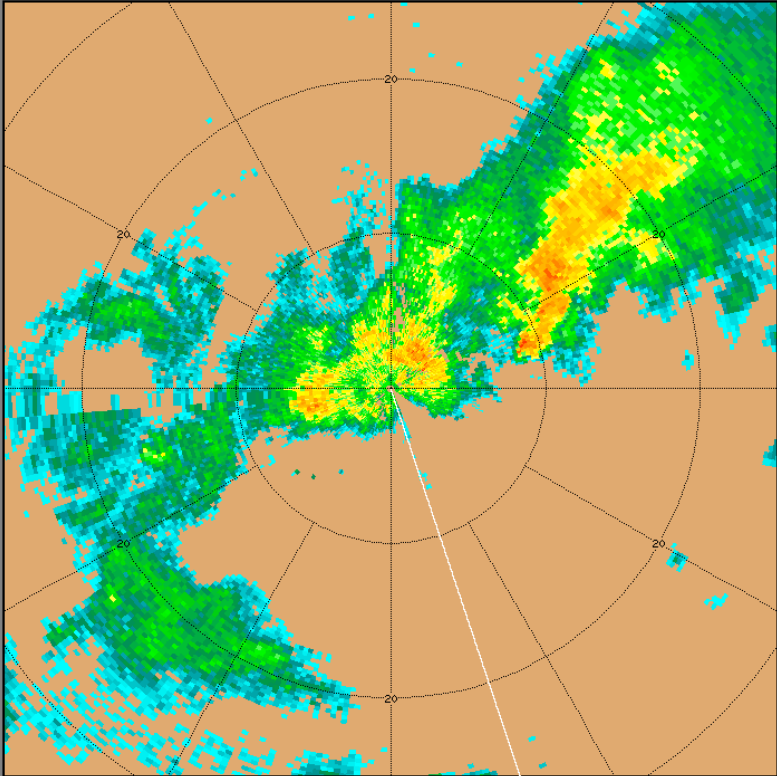
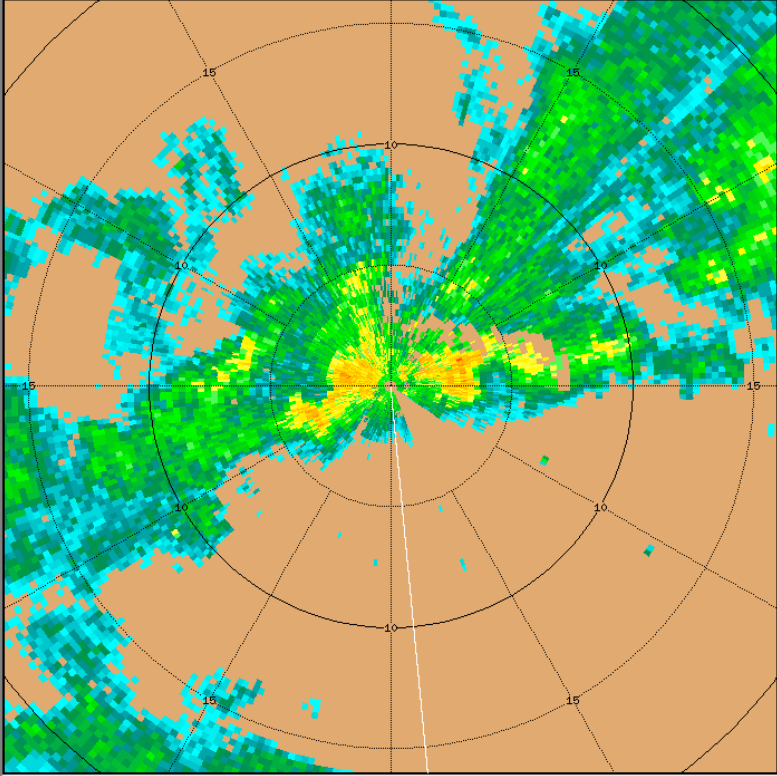
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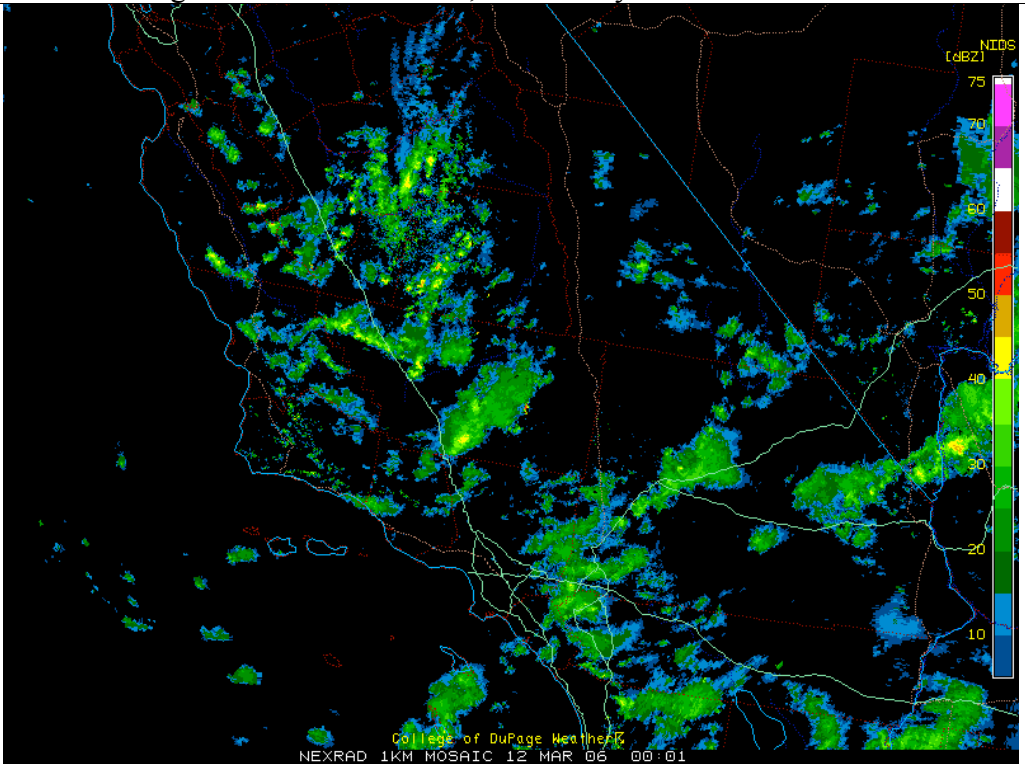
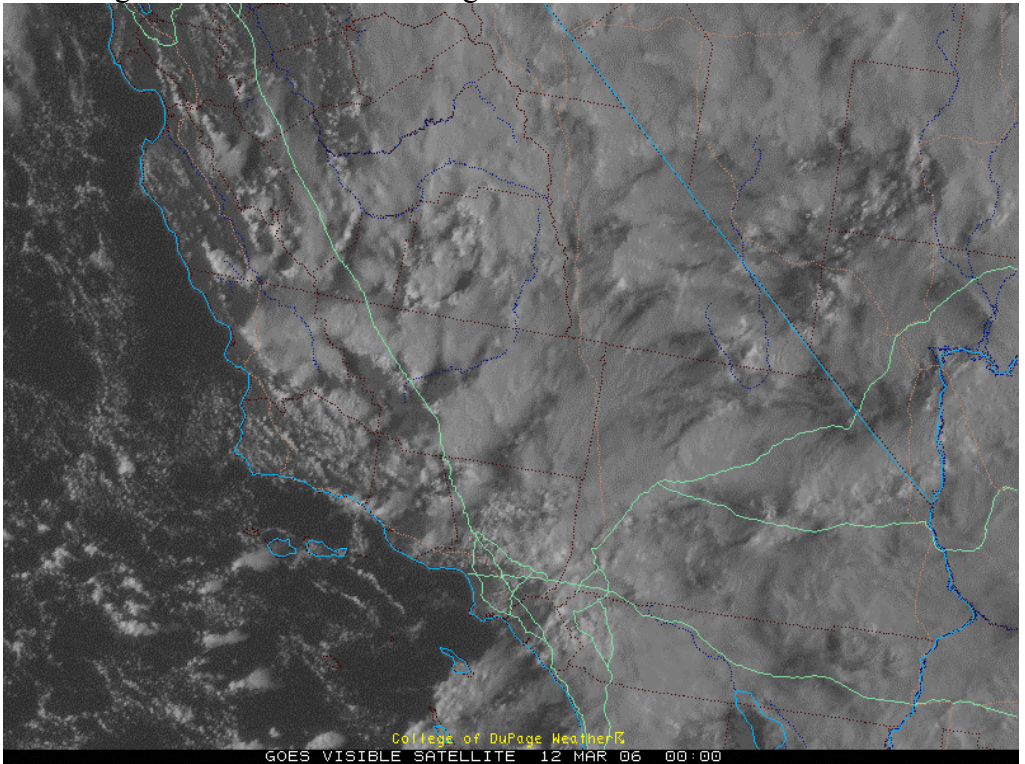
rain again at site

2212

heavy rain at site as cell moves over – biggest dbz a few km to the north



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2224	still moderate rain at site
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2232	rain letting up at site – no more strong echoes to the west
2307	Rain ended at site – blue skies to the north through west
2355	Isolated cells to NW > 50 km & a large mass of stratiform rain >50 km to the SE are all that's left of earlier echoes

0011	NWS Oxnard continues with the flash flood watch for the burn areas until 6 PM tonight. Will continue to operate at least until then. Right now the echoes are decreasing within 100 km of site, and the sky to the west is clear.
0011	 <p>College of DuPage Weather/R NEXRAD 1KM MOSAIC 12 MAR 06 00:01</p>
0012	large scale radar composite chart shows no organized precip bands moving into S. Calif
0019	<p>Visible sat image shows no organized convective bands moving into S. Calif indicating no PVA vort lobes lurking out in the Pacific</p>  <p>College of DuPage Weather/R GOES VISIBLE SATELLITE 12 MAR 06 00:00</p>
0048	backup data to laptop

[illegible]

[illegible]